



Native Human IgD Myeloma Plasma (DAGY1089)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Prepared from plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests
Purity	> 95% , as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	N/A
Molecular Weight	185 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µg
Buffer	10 mM Tris, pH 8.0, with 10 mM EACA, 150 mM NaCl
Preservative	0.05% NaN3
Storage	Store at -20°C to -80°C

BACKGROUND

Introduction	Immunoglobulin D (IgD) is an antibody isotype that makes up about 1% of proteins in the plasma membranes of immature B-lymphocytes where it is usually co-expressed with another cell surface antibody called IgM. IgD is also produced in a secreted form that is found in very small amounts in blood serum, representing 0.25% of immunoglobulins in serum. The relative
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molecular mass and half-life of secreted IgD is 185 kDa and 2.8 days, respectively. Secreted IgD is produced as a monomeric antibody with two heavy chains of the delta (δ) class, and two Ig light chains.

Keywords	Immunoglobulin D; IgD; Human myeloma plasma
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